

MICHIGAN
TRANSPORTATION AND CIVIL ENGINEERING (TRAC)
DESIGN AND BUILD BRIDGE CHALLENGE RULES

1. The Michigan Department of Transportation (MDOT) Statewide Design & Build Bridge Challenge (Bridge Building Challenge) is open to all Michigan schools that have successfully registered a bridge building team for the National Bridge Building Contest.
2. Bridge Building Challenge applicants must be attending a school that has participated in the TRAC Bridge Builder Module training between the dates of 2004 and 2009. If you are interested in receiving Bridge Builder Module training, please contact your [area coordinator](#).
3. Teams must complete and submit the MDOT Bridge Building Challenge Application by December 5, 2008. Application can be found at the Michigan TRAC Web Site at: www.michigan.gov/mdot-trac.
4. The Michigan TRAC Bridge Building Challenge design and construction rules will be the same as the National TRAC Bridge Building Contest Rules and can be found at the TRAC Headquarters website: www.trac.net.
5. A COPY of each team's National contest proposal must be sent to MDOT by March 11, 2009. Mail to: Jan Pohl, MDOT, P.O. Box 30050, Lansing, Michigan 48909.
6. On April 15, 2009, all contest teams are required to:
 - Have a three member team (changes in team members are allowed up until March 11, 2009). All three team members must attend and participate in the Michigan competition, in Lansing, on April 15, 2009.
 - Teams must use only the materials supplied by TRAC Headquarters in the official Bridge Building Kit.
 - Wear an MDOT provided t-shirt or polo shirt during the contest.
 - Provide a 10 minute presentation on the design and construction of their bridge.
 - Set up a display table. The display table will be manned by team members. Team members will interact with contest attendees by explaining and answering questions about the design and construction of their bridge.
7. With the exception of bridges that are selected to participate in the National TRAC Bridge Building Contest, bridges will be load tested. Nationally selected teams may choose to construct a second bridge and volunteer to load test their bridge at the Michigan competition, but they are not eligible to win at the Michigan Bridge Building Challenge.

8. The maximum number of team entries per school is 15.

9. Teams will be judged on:

Strength to weight ratio of the bridge.

Presentation content and delivery.

Display table and personal interaction while manning the display table